

Table of Contents

MAS as Complex Systems: A View on the Role of Declarative Approaches.....	1
<i>Andrea Omicini and Franco Zambonelli</i>	
A Logic-Based Infrastructure for Reconfiguring Applications.....	17
<i>Marco Castaldi, Stefania Costantini, Stefano Gentile, and Arianna Tocchio</i>	
Operational Semantics for Agents by Iterated Refinement	37
<i>Federico Bergenti, Giovanni Rimassa, and Mirko Viroli</i>	
Go! for Multi-threaded Deliberative Agents.....	54
<i>Keith L. Clark and Frank G. McCabe</i>	
An Agent-Based Domain Specific Framework for Rapid Prototyping of Applications in Evolutionary Biology.....	76
<i>Tran Cao Son, Enrico Pontelli, Desh Ranjan, Brook Milligan, and Gopal Gupta</i>	
A Logic for Ignorance	97
<i>Wiebe van der Hoek and Alessio Lomuscio</i>	
Coo-BDI: Extending the BDI Model with Cooperativity	109
<i>Davide Ancona and Viviana Mascardi</i>	
Extending the Operational Semantics of a BDI Agent-Oriented Programming Language for Introducing Speech-Act Based Communication	135
<i>Álvaro F. Moreira, Renata Vieira, and Rafael H. Bordini</i>	
A Combined Logic of Expectation and Observation: A Generalisation of BDI Logics	155
<i>Bình Vũ Trân, James Harland, and Margaret Hamilton</i>	
A Proposal for Reasoning in Agents: Restricted Entailment	173
<i>Lee Flax</i>	
A Social Approach to Communication in Multiagent Systems	191
<i>Marco Colombetti, Nicoletta Fornara, and Mario Verdicchio</i>	
Logic-Based Electronic Institutions	221
<i>Wamberto W. Vasconcelos</i>	

Modeling Interactions Using <i>Social Integrity Constraints</i> :	
A Resource Sharing Case Study.....	243
<i>Marco Alberti, Marco Gavanelli, Evelina Lamma, Paola Mello,</i> <i>and Paolo Torroni</i>	
Linear Logic, Partial Deduction and Cooperative Problem Solving.....	263
<i>Peep K�ngas and Mihhail Matskin</i>	
Author Index	281

Declarative Agent Languages and Technologies
First International Workshop, DALT 2003, Melbourne,
Australia, July 15, 2003, Revised Selected and Invited
Papers

Leite, J.; Omicini, A.; Sterling, L.; Torroni, P. (Eds.)

2004, X, 272 p., Softcover

ISBN: 978-3-540-22124-1